

XB6ECF1B1P

white illuminated pushbutton Ø 16 - flush push-
push to release - 24 V - 1OC



Main

Range of product	Harmony XB6E
Product or component type	Illuminated monolithic pushbutton
Device short name	XB6
Bezel material	Plastic
Mounting diameter	16 mm
Sale per indivisible quantity	5
Shape of signaling unit head	Square
Type of operator	Latching
Operator profile	White flush
Contacts operation	Snap action
Connections - terminals	Faston connectors: 2.8 x 0.5 mm Soldered connectors
Contacts material	Gold-flashed silver
Light source	Integral LED
[Us] rated supply voltage	24 V

Complementary

CAD overall width	18 mm
CAD overall height	18 mm
CAD overall depth	40 mm
Terminals description ISO n°1	(13-14-11-12)OF
Product weight	0.006 kg
Operating position	Any position
Marking	CE
Operating force	1.3 N (C/O changing electrical state)
Short circuit protection	3 A by gG cartridge fuse
[Ith] conventional free air thermal current	3 A
[Ui] rated insulation voltage	250 V (degree of pollution: 2) conforming to IEC 60947-1
[Uimp] rated impulse withstand voltage	2.5 kV conforming to IEC 60947-1
Electrical durability	50000 cycles DC-12, 1 A - 30 V conforming to IEC 60947-5-1 appendix C 50000 cycles AC-12, 0.5 A - 125 V conforming to IEC 60947-5-1 appendix C 50000 cycles AC-12, 0.5 A - 250 V conforming to IEC 60947-5-1 appendix C 50000 cycles DC-12, 0.2 A - 110 V conforming to IEC 60947-5-1 appendix C
Electrical reliability IEC 60947-5-4	$\hat{I} = 10\exp(-8)$ at 5 V and 1 mA with confidence level of 90 % conforming to IEC 60947-5-4
Signalling type	Steady
Current consumption	10 mA
Service life	50000 h

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Environment

Ambient air temperature for storage	-40...55 °C
Ambient air temperature for operation	-25...55 °C
Class of protection against electric shock	Class II conforming to IEC 60536
IP degree of protection	IP65 conforming to IEC 60529
Standards	CSA C22-2 No 14 IEC 60947-1 IEC 60947-5-1 IEC 60947-5-5 JIS C 4520 JIS C 852 UL 508
Product certifications	CSA UL
Vibration resistance	1 mm (5 - 55 Hz) conforming to IEC 60068-2-6 9 gn (5 - 55 Hz) conforming to IEC 60068-2-6
Shock resistance	20 gn for 11 ms half sine wave acceleration conforming to IEC 60068-2-27
Resistance to electrostatic discharge	8 kV conforming to IEC 61000-4-2